

Via Electronic Mail

April 22, 2019



Ms. Hoshaiah Barczynski & Mr. James Brown
Remediation Project Managers
USEPA – New England Region
OSRR, NH and RI Superfund Section
5 Post Office Square, Suite 100
Mail Code OSRR07-1
Boston, MA 02109-3912

Mr. Paul Kulpa
Senior Environmental Scientist
Rhode Island Department of
Environmental Management
235 Promenade Street
Providence, RI 02908

Re: OU 2 RI/FS Implementation L&RR Superfund Site
North Smithfield, Rhode Island
Reporting Period: January 1, 2019 – March 31, 2019

Dear Ms. Barczynski, Mr. Brown, and Mr. Kulpa:

This quarterly progress report is submitted to the U.S. Environmental Protection Agency (USEPA) and Rhode Island Department of Environmental Management (RIDEM) documenting activities completed during the above referenced period for which implementation of the Remedial Investigation/Feasibility Study (RI/FS) for Operable Unit 2 (OU 2) of the L&RR Superfund Site remains on-going. Quarterly progress reports are submitted in accordance with Section IX. 51 to the Administrative Settlement Agreement and Order on Consent (AOC; effective date August 17, 2015).

1.0 Quarterly Work Summary

- Participated on a call with USEPA and RIDEM on January 29, 2019 to review the status of Human Health Risk Assessment Deliverable No. 3 (submitted on December 27, 2018) and preliminary standards/guidelines to be considered for comparison of site data during the nature and extent discussion of the RI Report. These standards/guidelines were previously submitted on December 20, 2018.
- Receipt of comments associated with USEPA's review of Human Health Risk Assessment Deliverable No. 3 on February 19, 2019. Comments were received from RIDEM on February 22, 2019. Both sets of comments were discussed in more detail during a call with USEPA and RIDEM on February 27, 2019.
- Discussed revisions to the preliminary standards/guidelines to be considered for comparison of site data during the nature and extent discussion of the RI Report on February 27, 2019 with USEPA and AECOM. The path forward following this discussion included re-submittal of groundwater and surface water standards/guidelines for only those compounds detected in each media as part of RI activities. There were no changes to benchmarks used to support sediment comparisons, since these values were previously included with the *Interim Final* version of the Screening Level Ecological Risk Assessment and Refinement submitted in September 2018.
- Submitted revised standards/guidelines to be considered for comparison of site data during the nature and extent discussion of the RI Report on March 11, 2019.
- During the March 12, 2019 conference call with USEPA and RIDEM, USEPA requested that residential drinking water samples be analyzed for PFAS during the upcoming semiannual



sampling event on April 11, 2019. On March 21, 2019, USEPA sent a request via email for PFAS to be added as an analyte during the April round.

2.0 Problems Identified and Response Actions Taken

- None to report during this reporting period.

3.0 Out of Scope Work

- Discussed the addition of PFAS analysis during upcoming semi-annual residential drinking water sampling activities in April.

4.0 Status of USEPA/RIDEM Action Items from Previous Quarterly Report

- None specific to Quarterly Status Report No. 11.
- Need to work with USEPA/RIDEM to update project schedule.

5.0 Data and Results

- None to report during this reporting period.

6.0 Planned Work for the Next Quarter

- Collect residential drinking water samples on April 11, 2019. This sampling event coincides with annual Post-Closure Site Monitoring (PCSM) for OU 1 that includes collection of groundwater samples along the landfill perimeter using wells installed prior to OU 2 activities and select surface water sampling locations.
- Update the BHHRA, RI and FS Reports and associated project schedule.

If you have any questions or would like to further discuss these results, please do not hesitate to contact me.

Sincerely,

WOODARD & CURRAN INC.

A handwritten signature in blue ink, appearing to read 'Alan Benevides'.

Alan Benevides, P.E., L.S.P.
Senior Project Manager

AAB/ams

Attachment: Figure 1: Updated Site Plan

PN: 229620.01



Figure 1

Updated Site Plan

L&RR Superfund Site
OU 2 Remedial Investigation
/Feasibility Study

Legend

- Existing Hydrogeological Locations**
- Bedrock Multi-Level System
 - Bedrock Borehole
 - Geoprobe Groundwater
 - Monitoring Well
 - Overburden Multi-Level System
 - Piezometer
 - Residential Well
 - Waterloo Profile
 - Proposed Location of New Bedrock Borehole & Associated Monitoring Well
 - Roads
 - Interpolated Parcel Boundaries
 - Stream Channel

Notes
1. Parcel boundaries interpreted from May 2012 Existing Site Plan (Drawing C-01) and the Town of North Smithfield (November 2013) and may not reflect on-the-ground accuracy.
2. Data displayed in NAD83 RI State Plane and NAVD88
3. Orthophotography from USGS, April 2014.

1 inch = 300 feet
0 150 300 Feet



Project #: 229620
Map Created: July 2018

Third Party GIS Disclaimer: This map is for reference and graphical purposes only and should not be relied upon by third parties for any legal decisions. Any reliance upon the map or data contained herein shall be at the users' sole risk. **Data Sources: USGS, City of North Smithfield, RI**